

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application:

Listing of Claims:

1 – 42. (Canceled)

43. (New) A system for providing voice and data services over a wired data network and a regulated wireless network, the system comprising:

a first wireless network including at least one wireless access point wired to the wired data network, the at least one wireless access point provides wireless access to the wired data network via an unregulated wireless connection; and

at least one digital cordless handset for servicing at least one of an outgoing or an incoming call associated with a telephone number of a subscriber via the unregulated wireless connection, the regulated wireless network services the at least one of the outgoing or the incoming call using the telephone number.

44. (New) The system of claim 43, wherein the first wireless network is operated by a first provider, wherein the system further comprises a second wireless network operated by a second provider, and wherein the at least one digital cordless handset operates with the first wireless network and the second wireless network.

45. (New) The system of claim 43, wherein the at least one digital cordless handset switches between a first wireless access point and a second wireless access point during the at least one of the outgoing or the incoming call.

46. (New) The system of claim 45, wherein the at least one digital cordless handset exits a first wireless transmission area associated with the first wireless access point and enters a second wireless transmission area associated with the second wireless access point during the at least one of the outgoing or the incoming call.

47. (New) The system of claim 43, wherein the at least one digital cordless handset is associated with identification information, wherein the identification information is transferred from the first wireless network to the wired data network, and wherein the voice and data services are provided based on the identification information.
48. (New) The system of claim 43, wherein the unregulated wireless connection is an IEEE 802.11b connection or a bluetooth connection.
49. (New) The system of claim 43, wherein the regulated wireless network comprises a cellular telephone network.
50. (New) The system of claim 43, wherein the regulated wireless network services the at least one of the outgoing or the incoming call via a wireless telephone.
51. (New) The system of claim 50, wherein the at least one digital cordless handset and the wireless telephone produce a sound when the at least one of the outgoing or the incoming call is activated based on the telephone number.
52. (New) A method of providing at least one of a voice or a data service over a wired data network and a regulated wireless network, comprising:
- detecting a digital cordless handset in range of a wireless access point via an unregulated wireless connection, the wireless access point is coupled to the wired data network;
 - providing information of at least one subscriber of the at least one of the voice or the data service via the wired data network;
 - servicing a call based on a telephone number associated with the at least one subscriber via the digital cordless handset and the wired data network, the call serviced via the digital cordless handset based on digital cordless handset identity information associated with the at least one subscriber and included in the information; and
 - servicing the call based on the telephone number via a wireless telephone and the wired data network using the regulated wireless network when the call is answered via the wireless telephone.

53. (New) The method of claim 52, further comprising:
obtaining identification information from the digital cordless handset; and
determining the at least one of the voice or the data service based on the identification information;
wherein the servicing the call based on the telephone number via the digital cordless handset includes providing the at least one of the voice or the data service via the digital cordless handset during the call.
54. (New) The method of claim 52, further comprising:
assigning an internet protocol (IP) address to the digital cordless handset based on the detecting;
wherein the servicing the call based on the telephone number via the digital cordless handset includes establishing a voice over internet protocol (VoIP) session between the digital cordless handset and the wired data network via the wireless access point based on the IP address.
55. (New) The method of claim 54, further comprising:
detecting the IP address, the IP address associated with the telephone number.
56. (New) The method of claim 54, further comprising:
receiving the telephone number at the digital cordless handset; and
establishing the VoIP session based on the receiving.
57. (New) The method of claim 52, wherein the unregulated wireless connection is an IEEE 802.11b connection or a bluetooth connection.
58. (New) The method of claim 52, wherein the regulated wireless network comprises a cellular telephone network, the wireless telephone serviced by the cellular telephone network.

59. (New) A system for providing voice and data services via a wired data network and a regulated wireless network, the system comprising:

a broadband residential gateway that provides a communications link to at least one wired network device over a local wired network;

a wireless access point that provides wireless access to the wired data network over an unregulated wireless connection, the wired data network provides information of at least one subscriber associated with the voice and data services;

at least one digital cordless handset that services a call associated with a telephone number of the at least one subscriber via the unregulated wireless connection when the call is answered via the at least one digital cordless handset; and

a cellular phone that services the call via the regulated wireless network when the call is answered via the cellular phone.

60. (New) The system of claim 59, wherein the wired data network directs the call to the broadband residential gateway based on the telephone number, and wherein the at least one wired network device services the call via the broadband residential gateway when the call is answered by the at least one wired network device.

61. (New) The system of claim 60, wherein the call is initiated from the at least one wired network device, the at least one digital cordless handset, or the cellular phone.

62. (New) The system of claim 59, wherein the local wired network comprises a home phone networking alliance network.